

## Bibliography

### 61-1 Chemical Identity

MRID	Citation Reference
44841201	Lindsay, A.; McKay, B. (1999) Permethrin: Product Identity, Composition and Analysis: Lab Project Number: UPL-PERMTECH-A: 1689. Unpublished study prepared by Jai Research Foundation. 495 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800}
44841301	McKay, B. (1999) Product Identity, Composition and Analysis; Determination of Physical-Chemical Characteristics of a Permethrin 3.2lb/gal Formulation: Lab Project Number: F99-6: UP-1. Unpublished study prepared by Formulogics, Inc. 34 p. {OPPTS 830.830.1550, 830.1600, 830.1750, 830.6303, 830.7300, 830.7000, 830.6315, 830.7100}

### 61-2 Description of Beginning Materials and Manufacturing Proces

MRID	Citation Reference
44841201	Lindsay, A.; McKay, B. (1999) Permethrin: Product Identity, Composition and Analysis: Lab Project Number: UPL-PERMTECH-A: 1689. Unpublished study prepared by Jai Research Foundation. 495 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800}
44841301	McKay, B. (1999) Product Identity, Composition and Analysis; Determination of Physical-Chemical Characteristics of a Permethrin 3.2lb/gal Formulation: Lab Project Number: F99-6: UP-1. Unpublished study prepared by Formulogics, Inc. 34 p. {OPPTS 830.830.1550, 830.1600, 830.1750, 830.6303, 830.7300, 830.7000, 830.6315, 830.7100}

### 61-3 Discussion of Formation of Impurities

MRID	Citation Reference
44841201	Lindsay, A.; McKay, B. (1999) Permethrin: Product Identity, Composition and Analysis: Lab Project Number: UPL-PERMTECH-A: 1689. Unpublished study prepared by Jai Research Foundation. 495 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800}
44841301	McKay, B. (1999) Product Identity, Composition and Analysis; Determination of Physical-Chemical Characteristics of a Permethrin 3.2lb/gal Formulation: Lab Project Number: F99-6: UP-1. Unpublished study prepared by Formulogics, Inc. 34 p. {OPPTS 830.830.1550, 830.1600, 830.1750, 830.6303, 830.7300, 830.7000, 830.6315, 830.7100}

### 62-1 Preliminary Analysis

MRID	Citation Reference
44841201	Lindsay, A.; McKay, B. (1999) Permethrin: Product Identity, Composition and Analysis: Lab Project Number: UPL-PERMTECH-A: 1689. Unpublished study prepared by Jai Research Foundation. 495 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800}

## 62-2 Certification of limits

MRID	Citation Reference
44841201	Lindsay, A.; McKay, B. (1999) Permethrin: Product Identity, Composition and Analysis: Lab Project Number: UPL-PERMTECH-A: 1689. Unpublished study prepared by Jai Research Foundation. 495 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800}
44841301	McKay, B. (1999) Product Identity, Composition and Analysis; Determination of Physical-Chemical Characteristics of a Permethrin 3.2lb/gal Formulation: Lab Project Number: F99-6: UP-1. Unpublished study prepared by Formulogics, Inc. 34 p. {OPPTS 830.830.1550, 830.1600, 830.1750, 830.6303, 830.7300, 830.7000, 830.6315, 830.7100}

## 62-3 Analytical Method

MRID	Citation Reference
44841201	Lindsay, A.; McKay, B. (1999) Permethrin: Product Identity, Composition and Analysis: Lab Project Number: UPL-PERMTECH-A: 1689. Unpublished study prepared by Jai Research Foundation. 495 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800}

## 63-0 Reports of Multiple phys/chem Characteristics

MRID	Citation Reference
44841202	Lindsay, A.; McKay, B. (1999) Permethrin: Physical/Chemical Properties: Lab Project Number: UPL-PERMTECH-B: 1697: 1700. Unpublished study prepared by Jai Research Foundation. 252 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.7220, 830.7300, 830.7840, 830.7950, 830.7550, 830.7000, 830.6313, 830.6314, 830.6315, 830.6316, 830.6317, 830.7100, 830.6319, 830.6320, 830.7050}
44841301	McKay, B. (1999) Product Identity, Composition and Analysis; Determination of Physical-Chemical Characteristics of a Permethrin 3.2lb/gal Formulation: Lab Project Number: F99-6: UP-1. Unpublished study prepared by Formulogics, Inc. 34 p. {OPPTS 830.830.1550, 830.1600, 830.1750, 830.6303, 830.7300, 830.7000, 830.6315, 830.7100}

**63-17 Storage stability**

<b>MRID</b>	<b>Citation Reference</b>
44841202	Lindsay, A.; McKay, B. (1999) Permethrin: Physical/Chemical Properties: Lab Project Number: UPL-PERMTECH-B: 1697: 1700. Unpublished study prepared by Jai Research Foundation. 252 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.7220, 830.7300, 830.7840, 830.7950, 830.7550, 830.7000, 830.6313, 830.6314, 830.6315, 830.6316, 830.6317, 830.7100, 830.6319, 830.6320, 830.7050}

**63-20 Corrosion characteristics**

<b>MRID</b>	<b>Citation Reference</b>
44841301	McKay, B. (1999) Product Identity, Composition and Analysis; Determination of Physical-Chemical Characteristics of a Permethrin 3.2lb/gal Formulation: Lab Project Number: F99-6: UP-1. Unpublished study prepared by Formulogics, Inc. 34 p. {OPPTS 830.830.1550, 830.1600, 830.1750, 830.6303, 830.7300, 830.7000, 830.6315, 830.7100}

**830.6313 Stability to normal and elevated temperatures, metals, and metal ions**

<b>MRID</b>	<b>Citation Reference</b>
47989503	Hathaway, M. (2001) Determination of Permethrin Content in Technical and Formulated Materials. Project Number: 2/98/2, F98/9. Unpublished study prepared by Southern Testing & Research Labs., Inc. 67 p.

**830.6317 Storage stability**

<b>MRID</b>	<b>Citation Reference</b>
47989501	Wo, C. (2005) UPI EXP 2002-06 (Permethrin 25%): Storage Stability and Corrosion Characteristics - 12-Month Interim Report. Project Number: P814, 14417. Unpublished study prepared by Product Safety Laboratories. 34 p.
47989503	Hathaway, M. (2001) Determination of Permethrin Content in Technical and Formulated Materials. Project Number: 2/98/2, F98/9. Unpublished study prepared by Southern Testing & Research Labs., Inc. 67 p.
48722301	Patel, A. (2012) One Year Storage Stability and Corrosion Characteristics Study of Perm-Up 3.2 EC Insecticide (Equivalent to Permethrin 36.8% EC - Contains 3.2 Pounds Permethrin Per Gallon as an Emulsifiable Concentrate): Final Report. Project Number: 237/2/11/0734. Unpublished study prepared by Jai Research Foundation. 73p.

**830.6320 Corrosion characteristics**

MRID	Citation Reference
47989501	Wo, C. (2005) UPI EXP 2002-06 (Permethrin 25%): Storage Stability and Corrosion Characteristics - 12-Month Interim Report. Project Number: P814, 14417. Unpublished study prepared by Product Safety Laboratories. 34 p.
48722301	Patel, A. (2012) One Year Storage Stability and Corrosion Characteristics Study of Perm-Up 3.2 EC Insecticide (Equivalent to Permethrin 36.8% EC - Contains 3.2 Pounds Permethrin Per Gallon as an Emulsifiable Concentrate): Final Report. Project Number: 237/2/11/0734. Unpublished study prepared by Jai Research Foundation. 73p.

### 830.7000      pH

MRID	Citation Reference
47989502	Wo, C. (2006) Perm-UP-25DF: Physical and Chemical Characteristics: pH and Bulk Density. Project Number: P801, 20194. Unpublished study prepared by Eurofins/Product Safety Laboratories. 13 p.

### 830.7300      Density/relative density

MRID	Citation Reference
47989502	Wo, C. (2006) Perm-UP-25DF: Physical and Chemical Characteristics: pH and Bulk Density. Project Number: P801, 20194. Unpublished study prepared by Eurofins/Product Safety Laboratories. 13 p.

### 870.1100      Acute oral toxicity

MRID	Citation Reference
47793501	Moore, G. (2005) Acute Oral Toxicity Up and Down Procedure in Rats Permethrin. Project Number: 18306, P320/UDP, 050914/3R. Unpublished study prepared by Product Safety Laboratories. 16 p.

### 870.1200      Acute dermal toxicity

MRID	Citation Reference
47793502	Moore, G. (2005) Acute Dermal Toxicity Study in Rats - Limit Test: Permethrin. Project Number: 18307, P322, 050914/3R. Unpublished study prepared by Product Safety Laboratories. 15 p.

**870.1300 Acute inhalation toxicity**

MRID	Citation Reference
47793503	Moore, G. (2005) Acute Inhalation Toxicity Study in Rats - Limit Test: Permethrin. Project Number: 18308, P330, 050914/3R. Unpublished study prepared by Product Safety Laboratories. 22 p.

**870.2400 Acute eye irritation**

MRID	Citation Reference
47793504	Moore, G. (2005) Primary Eye Irritation Study in Rabbits: Permethrin. Project Number: 050914/3R, P324, 18309. Unpublished study prepared by Product Safety Laboratories. 18 p.

**870.2500 Acute dermal irritation**

MRID	Citation Reference
47793505	Moore, G. (2005) Primary Skin Irritation Study in Rabbits: Permethrin. Project Number: 18310, P326, 050914/3R. Unpublished study prepared by Product Safety Laboratories. 16 p.

**870.2600 Skin sensitization**

MRID	Citation Reference
47793506	Moore, G. (2006) Dermal Sensitization Study in Guinea Pigs (Buehler Method): Permethrin. Project Number: 18491, P328, 050914/3R. Unpublished study prepared by Product Safety Laboratories. 24 p.

**Non-Guideline Study**

MRID	Citation Reference
44841200	United Phosphorous, Inc. (1999) Submission of Product Chemistry Data in Support of the Application for Registration of Permethrin Technical, Tengard MUP, and Tengard SFR. Transmittal of 2 Studies.
44841300	United Phosphorous, Inc. (1999) Submission of Product Chemistry Data in Support of the Application for Registration of Tengard SFR Termiticide/Insecticide. Transmittal of 1 Study.

- 47793500 United Phosphorus, Inc. (2009) Submission of Toxicity Data in Support of the Reregistrations of the Permethrin Containing Products Perm-Up 3.2EC Insecticide, Tengard SFR Termiticide/Insecticide, Tengard HG Termiticide/Insecticide and Tengard MUP. Transmittal of 6 Studies.
- 47989500 United Phosphorus, Inc. (2010) Submission of Product Chemistry Data in Support of the Reregistrations of the Permethrin Containing Products Permethrin Technical, Tengard MUP, Tengard SFR One-Shot, Tengard HG, Perm-UP 3.2, and Perm-UP 25DF. Transmittal of 3 Studies.
- 48722300 United Phosphorus, Inc. (2012) Submission of Product Chemistry Data in Support of the Reregistration of the Permethrin Containing Products Tengard MUP, Tengard SFR Termiticide/Insecticide and Perm-Up 3.2 EC Insecticide. Transmittal of 1 Study.